

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	885	((expansion expander expandable) near3 (tool device cone apparatus mandrel)) same (vibrat\$4 vibrating\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/23 12:31
S2	368	((expansion expander expandable) near3 (tool device cone apparatus mandrel)) with (vibrat\$4 vibrating \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/23 12:31
S3	5	"03064813"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/23 12:41
S4	79	"64813"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/23 12:42
S5	2	("7275600").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 12:47
S6	7	("20030051885"   "20040251035"   "4058163"   "4285224"   "4384625"   "4890682"   "6695065").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/23 12:48
S7	2	("6712151").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 12:48
S8	839	(166/207).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 13:02

S9	393	(166/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 13:10
S10	110	(166/177.6).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 13:19
S11	389	(166/216).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 13:31
S12	4	("4204312").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 13:33
S13	55	("4204312").URPN.	USPAT	OR	ON	2008/05/23 13:34
S14	16	("1166040"   "1647447"   "1753677"   "2482490"   "2939251"   "3166828"   "3224086"   "3428338").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/23 13:56
S15	1089	(166/380).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 13:59
S16	346	(166/277).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 14:03
S17	847	(166/217).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/05/23 14:04

S18	95	"0761518"   "1324303"   "1545039"   "1561418"   "1569729"   "1597212"   "1930825"   "1981525"   "20010040054"   "20010045284"   "20020145281"   "20020166668"   "20030037931"   "20030042022"   "20030047322"   "2153883"   "2214226"   "2216226"   "2383214"   "2499630"   "2627891"   "2663073"   "2898971"   "3087546"   "3191677"   "3195646"   "3424244"   "3467180"   "3528498"   "3616868"   "3712376"   "3776307"   "3818734"   "3911707"   "3948321"   "4069573"   "4127168"   "4159564"   "4288082"   "4319393"   "4324407"   "4429620"   "4508174"   "4531581"   "4588030"   "4697640"   "4848469"   "4890682"   "5052483"   "5086853"   "5271472"   "5348095"   "5409059"   "5435400"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/23 14:13
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		"5472057"   "5520255"   "5553679"   "5560426"   "5685369"   "5706905"   "5901787"   "6021850"   "6029748"   "6098717"   "6112818"   "6325148"   "6425444"   "6446323"   "6543552"   "6543553"   "6585053"   "6591905"   "6598678").PN.				
S19	59	("6695065").URPN.	USPAT	OR	ON	2008/05/23 14:20
S20	55	("4204312").URPN.	USPAT	OR	ON	2008/05/23 14:21

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